

*Subpart 1*  
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WHAT IS CLAIMED IS:

1. A carrier mechanism having accommodating means and carrier means, for carrying out positioning between said accommodating means and said carrier means, to thereby insert an object carried by said carrier means into said accommodating means, or take said object accommodated in said accommodating means, out of said accommodating means to said carrier means, said carrier mechanism comprising:

driving means for moving said carrier means; and control means operable when said carrier means is moved to a desired position in one direction, for controlling said driving means so as to move said carrier means to a position in excess of said desired position and then to move said carrier means to said desired position, said control means controlling said driving means so as to move said carrier means to said desired position without exceeding said desired position when said carrier means is moved to said desired position in a direction opposite to said one direction.

2. A carrier mechanism having accommodating means and carrier means, for carrying out positioning between said accommodating means and said carrier means, to thereby insert an object carried by said carrier means into said accommodating means, or take said object accommodated in said accommodating means, out of said accommodating means to said carrier means, said carrier mechanism comprising:

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biasing means for biasing said carrier means in a predetermined direction;

driving means for moving said carrier means; and control means operable when said carrier means is moved to a desired position in a biasing direction of said biasing means, for controlling said driving means so as to move said carrier means to a position in excess of said desired position and then to move said carrier means to said desired position while opposing a biasing force of said biasing means.

3. The carrier mechanism according to claim 2, wherein said control means controls said driving means so as to move said carrier means to said desired position without exceeding said desired position while opposing said biasing force of said biasing means, when said carrier means is moved to said desired position in a direction opposite to said biasing direction of said biasing means.

4. The carrier mechanism according to claim 1, wherein said control means includes determining means for determining a direction in which said carrier means is moved, based on a present position before said carrier means is moved and said desired position.

5. The carrier mechanism according to claim 4, wherein said control means sets patterns for controlling movement of said carrier means by said driving means, based on results of determination of said determining means.

6. The carrier mechanism according to claim 1, wherein said

control means controls said driving means such that said carrier means is driven at an accelerated rate at an initial activation, then braked after the acceleration, and finally subjected to minute adjustment after the braking.

5 7. The carrier mechanism according to claim 6, wherein said control means adjusts a quantity of said minute adjustment of said carrier means by said driving means, based on a distance over which said carrier means has been moved after execution of said minute adjustment and a remaining distance between a position currently assumed by said carrier means and said desired position.

10 8. The carrier mechanism according to claim 1, wherein said accommodating means forms an accommodating rack enabling to accommodate a recording medium in a detachable manner, said carrier means having mounted thereon a pickup for reproducing information recorded on said recording medium, and a clamping mechanism.

15 9. The carrier mechanism according to claim 8, wherein said accommodating rack is provided in a detachable manner for said carrier means.

10 10. The carrier mechanism according to claim 8, wherein said 20 accommodating rack is always stationary for said carrier means in a reproducing apparatus.

ADD AS1